

VACUTRON® SUCTION REGULATOR

OPERATIONS & MAINTENANCE GUIDE

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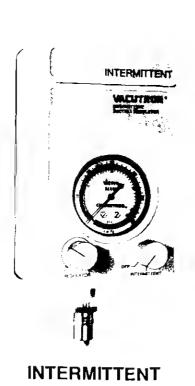
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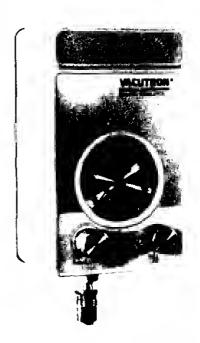


CONTINUOUS/INTERMITTENT





GENERAL PATIENT REGUGAGE (ONT)



SURGICAL REGUGAGE



ORDERING INFORMATION

IVR/CONT — Without Fittings 1/8 NPT Female Inlet/Outlet 22-05-0500 tVR — Without Fittings 1/8 NPT Female Inlet/Outlet 22-06-0500

| VACUTRON MODEL | WLET | SERRATEO HOSE STEM | CHEMETRON O/C RECT. | CHEMETRON O'C ROUND | DISS FEMALE | 1% NPT FEMALE | EXTENSION 1 1/4 x 1/6 NPT | OHMEQA DIAMONO | =□±Φ PURITAN | OXEQUIP MEDSTAR |
|----------------------------|------------------|--------------------|------------------------|------------------------|----------------|------------------|---------------------------|-------------------|-----------------|--------------------|
| CONTINUOUS INTERMITTENT | DISS MALE | 22-05-0509 | 22-05-0512 | 22-05-0513 | 22-05-0514 | 22-05-0523 | 22-05-0524 | 22-05-0516 | 22-05-0510 | 22-05-0522 |
| | VAMALE | 22-05-0511 | | | 22-05-0515 | | | | | |
| | BARBEQ HOSE STEM | 22-05-0539 | 22-05-0532 | | 22-05-0534 | 22-05-0540 | 22-05-0550 | 22-05-0536 | 22-05-0530 | 22-05-0542 |
| INTERMITTENT | DISS MALE | 22-06-0509 | 22-06-0512 | 22-06-0513 | 22-06-0514 | 22-06-0523 | 22-06-0524 | 22-06-0516 | 22-06-0510 | 22-06-0522 |
| | VAMALE | 22-06-0511 | | | 22-06-0515 | | | | | |
| | BARBED HOSE STEM | 22-06-0539 | 22-06-0532 | | 22-06-0534 | 22-06-0540 | 22-06-0550 | 22-06-0536 | 22-06-0530 | 22-06-0542 |

| VACUTRON MODEL | INLET | SERRATEO HOSE STEM | CHEMETRON O'C RECT | CHEMETRON O'C ROUND | DISS FEMALE | ¼ NPT FEMALE | EXTENSION 11/4x1/4 NPT | OHMEDA DIAMOND | PURITAN | OXEQUIP MEDSTAR | CHEM. CEILING COLUMN ADAPTOR |
|-------------------|------------------|--------------------|-----------------------|------------------------|----------------|-----------------|------------------------|-------------------|------------|--------------------|---------------------------------------|
| SURGERY | DISS MALE | 22-04-0009 | 22-04-0012 | 22-04-0013 | 22-04-0014 | 22-04-0201 | 22-04-0211 | 22-04-0019 | 22-04-0010 | 22-04-0025 | 22-04-0205 |
| | VA MALE | 22-04-0011 | | | 22-04-0015 | | | | | | |
| | BARBED HOSE STEM | 22-04-0209 | 22-04-0212 | | 22:04:0214 | 22-04-0230 | 22-04-0221 | 22-04-0219 | 22-04-0240 | 22-04-0225 | 22-04-0235 |
| | 45" DISS MALE | 22-04-0204 | | | | | | | | | |
| ONT | DISS MALE | 22-04-0001 | 22-04-0002 | 22-04-0003 | 22-04-0004 | 22-04-0200 | 22-04-0210 | 22-04-0008 | 22-04-0005 | 22-04-0022 | |
| | VA MALE | 22-04-0006 | | | 22-04-0007 | i | | | | | |
| | BARBED HOSE STEM | 22-04-0109 | 22-04-0112 | | 22-04-0104 | 22-04-0102 | 22-04-0120 | 22-04-0108 | 22-04-0105 | 22-04-0122 | |

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1.0 GENERAL INFORMATION

1.1 Description

Five modes are available; "INTERMITTENT," "CONTINU-OUS," "REGULATED VACUUM," "FULL LINE" and "OFF". Up to three modes are available on an individual model depending on the one chosen. A selector knob allows the practitioner to change the operation mode of the Vacutron vacuum regulator as the need arises.

- 1.1.1 The Intermittent Vacuum Regulators (IVR and IVR/Cont.; are utilized on a central piped vacuum system for controlled, safe removal of secretions generated by a patient as a result of either physiological malfunctions or directly related to post-operate complications. Safety relief valves prevent accidental tult line suction. The "INTERMITTENT" mode cycles the regulated vacuum for procedures such as evacuation of semi-solids, liquids and gases from post-operative stomach or intestinal tract. The vacuum level in both units can be regulated from 0 to 150 mm Hg (nominal) in the "INTERMITTENT" mode. The IVR/Cont. model can be regulated from 0 to 200 mm Hg (nominal) in the "CONTINUOUS" mode.
- 1.1.2 The General Patient (O.N.T.) and Surgical Vacutron are utilized on central piped systems for controlled, safe removal of secretions generated by a patient as a result of either physiological malfunctions or directly related to post-operative complications. The General Patient Vacutron is a continuous flow vacuum regulator that has a range from 0 to 200 mm Hg (nominal). The Surgical Vacutron controls the vacuum from 0 to 300 mm Hg (nominal) in the "REGULATED VACUUM" mode and whatever the central piped system will handle in the "FULL LINE" mode. The General Patient Vacutron safety reliet valve prevents accidental full line suction. The Surgicat Vacutron has no relief valves.

NOTE: Use standard procedures to test the unit to make sure it has not drifted because of damage or contamination. The performance and design specifications for each modet are in section 3. Calibration tests are recommended at least annually.

1.2 Features

- Safety relief valves
- · Can be cleaned and flushed with disinfectant
- Color coded 0–300 mm Hg vacuum gauge
- Accurate vacuum control
- Impact resistant housing
- Minimum maintenance
- 9 LPM controlled flow in "INTERMITTENT"
- Quiet operation

1.3 User Responsibilities

Federal law and warranty timitations require that you:

- Instalt, operate and maintain the unit as instructed.
- During use check for proper operation periodically.
- Never use a detective unit under any circumstances.
- Obtain repairs and/or replacement as instructed in this manual.

This unit or any of its parts should not be repaired or replaced other than in accordance with written instructions from Chemetron. No alteration or modification is permitted without specific written instructions from Chemetron and strict compliance thereof. The user of this unit shall have the sole responsibilities tor any mattunction and patient harm which results from improper use, tautty maintenance, improper repair, damage or unauthorized alteration.

1.4 Precautions

DO

- Read all instructions.
- Check timing (IVR onty) and vacuum levels periodically.
- Sterilize with cold liquid disinfectant, dry and check functions per manual.

DON'T:

- Never use a maltunctioning unit.
- Don't sterilize by liquid immersion or steam autoclave.
- Don't attempt to repair the unit without specific instructions

CAUTION: Never connect to or use on a patient without checking the vacuum level and checking the set up (the correct items connected in the correct manor).

2.0 MODELS Vacutron vacuum regulators models and fittings available

| | Catalog | Number | | |
|------------|------------|------------|------------|--|
| O.N.T. | Surgical | IVR/Cont. | IVR | Type Inlet Type Outlet |
| N/A | N/A | 22-05-0500 | 22-06-0500 | 1/8" NPT Female (no fittings) 1/8" NPT Female |
| 22-04-0001 | 22-04-0009 | | | Serrated Hose Stem DISS Male |
| | | | | Puritan Adapter DISS MALE |
| 22-04-0511 | 22-04-0511 | 22-05-0511 | 22-06-0111 | Serrated Hose Stem VA Male |
| 22-04-0002 | 22-04-0012 | 22-05-0012 | 22-06-0112 | Chemetron Ouick Connect Adapter with Rectangular Striker DISS Male |
| | | | | Chemetron Quick Connect Adapter with Round Striker DISS Male |
| 22-04-0514 | 22-04-0514 | 22-05-0514 | 22-06-0114 | DISS Female DISS Male |
| | | | | DISS Female VA Male |
| | | | | Ohio Diamond Adapter |
| 22.04-0522 | 22-04-0522 | 22-05-0522 | 22-06-0122 | MED*STAR Adapter (Oxequip) DISS Male |
| 22-04-0523 | 22-04-0523 | 22-05-0523 | 22-06-0123 | 1/8" NPT Female (no inlet fitting) DISS Male |
| 22-04-0524 | 22-04-0524 | 22-05-0524 | 22-06-0124 | Extension, 1 1/4" long, 1/8" NPT Female DISS Male |
| N/A | 22-04-0204 | N/A | N/A | Serrated Hose Stem |
| N/A | 22-04-0205 | N/A | N/A | Chemetron Ouick Connect With Ceiling Column Adapter DISS Male |

3.0 SPECIFICATIONS (general)

- 3.1 Operation line vacuum range 12" to 28" Hg. (Unit calibrated at 18" Hg source vacuum)
- 3.2 Overall Dimensions Height 7", Width 4", Depth 5"
- 3.3 Weight 2.1 lbs.
- 3.4 Vacuum Gauge
 - Calibrated: 0–300 mm Hg (increments of 10 mm Hg)
 0–40 kPa (increments of 1 kPa)
 - 2 1/2 Gauge Face
 - Diaphragm Type
- 3.5 Materials of Construction

Case — High Impact Polycarbonate Knobs — Plated Aluminum Internal parts — Acetai Resin Metal Parts — Brass, Stainless, Plated Steel

3.6 Operating Temperature

Range — 35 degrees F to 120 degrees F

3.7 Operating Humidity

Range - 10 to 95% R.H. noncondensing

3.8 Timing Mode (independently adjustable)

- On: 3 sec. to 30 seconds
- Off: 3 sec. to 30 seconds

Factory setting

- -- On: 17 seconds +3 to -2 seconds
- OIt: 9 seconds \pm 3 to \pm 2 seconds

3.9 SPECIFICATIONS (by model)

| | | O.N.T. | Surgical | IVR/Cont. | IVR |
|---|--------------------|-------------|-------------|-------------|--|
| Selector Switch modes | "CONTINUOUS" | _ | _ | × | Name of the last o |
| | "INTERMITTENT" | _ | _ | X | X |
| | "REGULATED VACUUM" | X | X | _ | _ |
| | "FULL LINE" | _ | X | _ | |
| | "OFF" | X | × | X | X |
| Operating Range | "CONTINUOUS" | NΑ | N/A | 0-230 mm Hg | N/A |
| (· 10 mm Hg) | "INTERMITTENT" | N.A | N/A | 0-150 mm Hq | 0-150 mm Hg |
| <i>y</i> , | "REGULATED VACUUM" | 0-200 mm Hg | 0-300 mm Hq | N/A | N/A |
| | "FULL LINE" | N-A | MAX. AVAIL. | N/A | N/A |
| Maximum Flow, regulator only | "CONTINUOUS" | N A | N/A | 80 LPM | N/A |
| (Nominal) | "INTERMITTENT" | NA | N/A | 9 LPM | 9 LPM |
| , | "REGULATED VACUUM" | 80 LPM | 80 LPM | N/A | N/A |
| | "FULL LINE" | N A | MAX. AVAIL. | N/A | N/A |
| Safety relief Valves | "CONTINUOUS" | N:A | N/A | 240 mm Hg | N/A |
| (Not to exceed) | "INTERMITTENT" | N/A | N/A | 160 mm Hg | 160 mm Hg |
| , | "REGULATED VACUUM" | 240 mm Hg | N/A | N/A | N/A |

IVR AND IVR/CONTINUOUS MODELS

4.0 ASSEMBLY AND SET UP

4.1 With Chemetron Quick Connect Adapter:

- 4.1.1 Remove the IVR or IVR Continuous Vacutron from its shipping container. Attach a suction collection bottle with female swivel nut fitting on the cap, to the bottom of the unit (see Fig. 1). It is recommended that a 1.2 gallon or smaller bottle be suspended on walls or columns. Insert Chemetron quick connect adapter into Chemetron outlet station until fatching
- 4.1.2 Add appropriate suction tubing and or suction calheter to patient port of collection bottle. You are now ready to set the unit (see section 5.0)

4.2 With Chemetron Bottle Holder Adapter, Qne Or Two Outlets:

- 4.2.1 Attach a suction bottle with female swivel nut fitting on the cap to the bottom of the unit.
- 4.2.2 Insert Chemetron bottle holder adapter underneath locking nut on the cap assembly's vacuum port. Tighten down securely. Attach a vacuum connecting hose from the serrated barb on the back of the regulator to one of the slide valves (see Fig. 2).
- 4.2.3 Insert Chemetron bottle holder adapter into Chemetron outlet station until latching occurs. Push slide valve in to make vacuum available to the unit. You are now ready to set the unit (see section 5.0).

4.3 With Chemetron Quick Connect Adapter Inlet And Barbed Stem Outlet;

- 4.3.1 Insert Chemetron quick connect adapter into Chemetron outlet station until latching occurs. Screw the Chemetron DISS vacuum nut and stem (cat. #15-90-0002) onto male DISS outlet connection.
- 4.3.2 Using Chemetron Cat. No. 22-11-0004 Bottle Holder, insert into wall bottle holder bracket and then attach Chemetron collection bottle as outlined in 4.2.1 Attach a hose from the serrated barb on the bottom of the regulator to the vacuum port of the collection bottle (see Fig. 3). You are now ready to set the unit (see section 5.0).



FIGURE 1



FIGURE 2



FIGURE 3

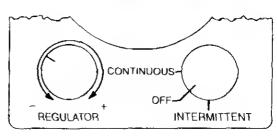


FIGURE 4

5.0 OPERATION PROCEDURE

5.1 Intermittent Operation

- 5 1.1 Turn selector knob (lower right) from "OFF" position to the "INTERMITTENT" POSITION (see Fig. 4). Occlude the suction tubing so there is no flow of air. The unit will start up in the "OFF" phase of the cycle. Wait the 7 to 12 sec. for the "ON" cycle to start.
- 5 1 2 Adjust vacuum level knob (lower left) to the maximum vacuum required. Remove occlusion from tubing.

SURGERY MODEL

8.0 ASSEMBLY AND SET UP

8.1 With Direct Ceiling Column Chemetron Quick Connect Adapter:

- 8.1.1 Remove the Surgical Vacutron from its shipping container. Attach a suction collection bottle with female swivel nut fitting on the cap, to the bottom of the unit (see Fig. 10). It is recommended that a 1-2 gallon or smaller bottle be used when mounting on walls or columns. Insert Chemetron quick connect adapter into Chemetron outlet station on the ceiling column until latching occurs.
- 8.2.1 Remove the Surgical Vacutron, Cart, etc. trom its shipping container. Assemble the Vacutron, Cart, hoses, etc. per enclosed instruction sheet (see Fig. 11).

8.2 With O.R. Suction Cart:

- 8.2.1 Remove the Surgical Vacutron, Cart, etc. from its shipping container. Assemble the Vacutron, cart, hoses, etc. per enclosed instruction sheet (see FIG. 11).
- 8.2.2 Connect the hose to back (infet) of the Vacutron. Insert the other end with, a Chemetron quick connect adapter, into Chemetron outlet station until latching occurs.
- 8.2.3 Put the collection bottles or DCUs in place and connect them in series with the appropriate hose.
- 8.2.4 Add appropriate suction tubing and/or suction catheter to patient port of the collection bottle or DCU. You are now ready to set the unit (see section 9.0).



FtGURE 10

9.0 OPERATION PROCEDURE

9.1 REGULATED VACUUM

- 9.1.1 If regulated flow is required, turn selector knob (lower right) to the "REGULATED VACUUM" mode (see Fig. 12). Occlude the suction tubing so there is no flow of air.
- 9.1.2 Adjust regulator knob (lower left) to the maximum vacuum required. Remove occlusion from tubing.

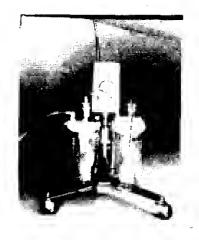


FIGURE 11

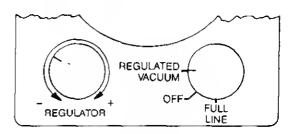


FIGURE 12

9.1.3 In some procedures flow rate is more important than vacuum level. In this case, do not occlude the suction tubing to the patient. Adjust the regulator knob (lower left) until the flow rate required is reached.

Regulator and collection bottle(s) or DCU(s) are now ready tor use in the "REGULATED VACUUM" mode.

9.2 FULL LINE

- 9.2.1 If maximum flow is required, turn selector knob (lower right) to the "FULL LINE" mode.
- 9.2.2 This mode can only be turned on or off. There is no vacuum regulation. This mode will deliver the maximum vacuum and flow for this set up.

Regulator and collection bottle(s) or DCU(s) are now ready for use in the "FULL LINE" mode.

9.3 "OFF" Position

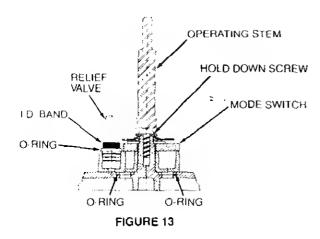
- 9.3.1 If the selector knob (lower right) is turned to the "OFF" position, after use in "REGULATED VACUUM" mode, both the patient and collection bottle/DCU will vent back to ambient (vacuum free). The unit, in the "OFF" position, can remain attached to hospital vacuum supply indefinitely
- 9.3.2 To resume suction, turn the selector knob to the "REGULATED VACUUM" mode. The vacuum level and/or flow rate will return to the previous setting.
- 9.3.3 Some physicians prefer that the regulator knob (lower left) be turned counterclockwise until the air flow stops, then the selector knob (lower right) turned to the "OFF" position.

10.0 MAINTENANCE AND SERVICE

NOTE: Figs. are identified by () & models are identified by ()

10.1 Mode Selector Switch (Fig. 13) [All models]

Under most circumstances, this sub-assembly need not be taken apart. Normally, failure from contamination will occur last in the mode selector switch. It a leak is suspected in this area, or assembly, remove operating stem (Fig. 12) and single screw in center of mode selector switch. Lift switch from post, clean and/or replace "O" rings and switch. Assemble and test for function per section 5.0.



10.2 Safety Relief Valves (IVR, IVR/Cont., O.N.T.)

- 10.2.1 See the Table 3.9 on page 4 to determine the safety relief valve(s) supplied with your Vacutron. All safety relief valve(s) are properly calibrated at the factory. It is not recommended that you attempt to repair or adjust.
- 10.2.2 If you suspect malfunction, replace with a new relief valve (Fig. 13). Since the relief valve is held in place by the friction of its O-ring, you can remove it by pulling straight up out of the mode switch housing. Check the I.D. band to be certain that you are replacing the faulty safety reliet valve with the correct valve for your unit.

10.3 Timing Motor Sub-Assembly [IVR, IVR/Cont.]

- 10.3.1 The timing motor sub-assembly (Fig. 14) is not in the patient drainage flow path. Under most circumstances, even if the unit has been clogged with contaminant, it is unnecessary to clean the Timing Motor. The flushing procedure, shown in sec. 10.10, will alleviate most clogs.
- 10.3.2 If replacement is needed, remove "E" ring and washer and two springs. Remove three screws holding time motor housing to base (Fig. 14).
- 10.3.3 Clean and/or replace assembly. Test for function per section 5.0.

10 4 Ceramic Valve [IVR, IVR/Cont.]

A persistent clog may occur in the ceramic switch valve (Fig. 14). If this is suspected, remove the 'E' ring, washer and tension spring to inspect the valve. Make sure both surfaces and all air flow openings are entirely clear of contaminant. Wipe contacting surfaces of ceramic valve with isopropyl alcohol before reassembly. Replace ceramic switch in its original position with tension spring, washer and "E" ring. Test for function per section 5.0.

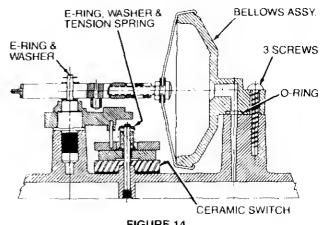


FIGURE 14

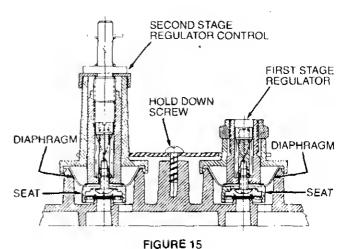


FIGURE 13

10.5 Regulator Control/First Stage [IVR, IVR/Cont.]

The first stage regulator (Fig. 15) is factory set to 310 ± 7 ± 10 mm Hg. It is not recommended that you attempt to change this setting. If you suspect improper function, remove the hold down screw (Fig. 15). Lift the regulator from its seat. Inspect for contamination. Clean or replace with new assembly. Assemble and test for function per section 5.0 or 7.0.

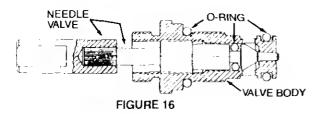
10.6 Regulator Control/Second Stage [All models]

The second stage regulator (Fig. 15) adjusts the vacuum level to the patient in all modes except "FULL LINE." If contaminant enters the unit, remove the hold down screw (Fig. 15). Lift the regulator from its seat. Inspect for contamination. Clean or replace it with a new assembly. If its rubber diaphragm is defective, replace it with a new assembly. Assemble and test for function per section 5.0, 7.0 or 9.0

10.7 Timing Control Needle Valves [IVR, IVR/Cont.]

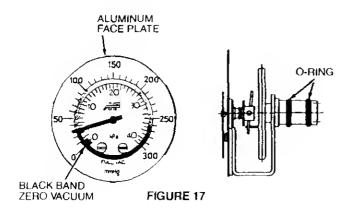
- 10.7 1 The timing control needle valves are not in the patient drainage flow path. Under most circumstances, even if the unit has been clogged, it is unnecessary to clean them.
- 10.7.2 If cleaning is necessary, both needle valves are removed in the same manner. Open cover (Fig. 11) and rotate the needle valve counterclockwise pulling out at same time (Fig. 15). This will remove the needle valve only, leaving the valve body in place. After needle valve has been removed, wipe the tip with isopropyl alcohof.

10.7.3 Carefully reassemble. Turn both timing controls clockwise until they stop. Then turn counterclockwise one and one half turns. Now repeat Section 5.1.3 for desired setting.



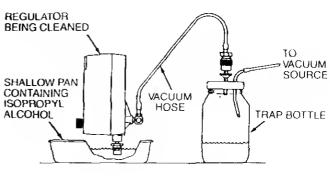
10.8 Vacuum Gauge [All models]

- 10.8.1 If the vacuum gauge does not read zero (pointer not in the black band), then remove the cover. To remove the gauge, pull straight outward away from the unit's body. The gauge is a slip fit (no threads or screws holding it down). When you look at the back of the gauge you should see a small oritice recessed an 1/8 in. If it is clogged, use a cottonswab soaked in isopropyl alcohol to remove the clog. Wipe the area dry with a new, dry cotton swab. Reassemble and test. If the gauge problem persists, then replace the gauge.
- 10.8.2 It, under normal use, the pointer is always in the black band (zero), or shows weak or erratic readings, then flush per section 10.10. If this does not correct the problem, then follow the instructions in section 10.8.1. If this does not correct the problem, then replace the gauge.
- 10.8.3 If the Vacutron has been dropped, be sure to check the gauge for proper function. Reptace line gauge if necessary. If the gauge has been dropped or any part bent or tampered with, then replace the gauge.



10.9 Sterilization [All models]

10.9 1 Attach a length of vacuum hose from the inlet of the Vacutron to the patient port of a large collection bottle. Attach one end of a length of hose to the source vacuum and the other end to outlet port of the large collection bottle. The collection bottle will collect the cold liquid sterilant and keep it out of the hospital's vacuum system (Fig. 18). Place the patient port of Vacutron into a shallow pan containing the cold liquid sterilant (such as Cidex).



- FIGURE 18
- 10.9.2 Activate the source vacuum. Turn the unit on and turn the adjustable regulator (lower lett knob) clockwise as far as it will go tor maximum flow. Pull approximately 100 cc ot cold fiquid sterilant through the unit. Do this tor all modes available on your Vacutron. Be careful not to overflow the collection bottle. Turn the mode switch to "OFF."
- 10.9.3 The cold liquid sterilant needs to be flushed out of the unit. See section 10.10.
- 10.9.4 ETO (ethylene oxide) is not recommended as a standard procedure. Sterilization with ethylene oxide mixtures may cause "crazing" (small surface cracks) of some of the plastic parts. Following sterilization with ethylene oxide, parts should be quarantined in a well ventilated area to allow dissipation of residual ethylene oxide gas absorbed by the material.

CAUTION:

DO NOT STEAM AUTOCLAVE OR LIQUID IMMERSE ANY VACUTRON SUCTION REGULATOR. Severe impairment of the units operation will result.

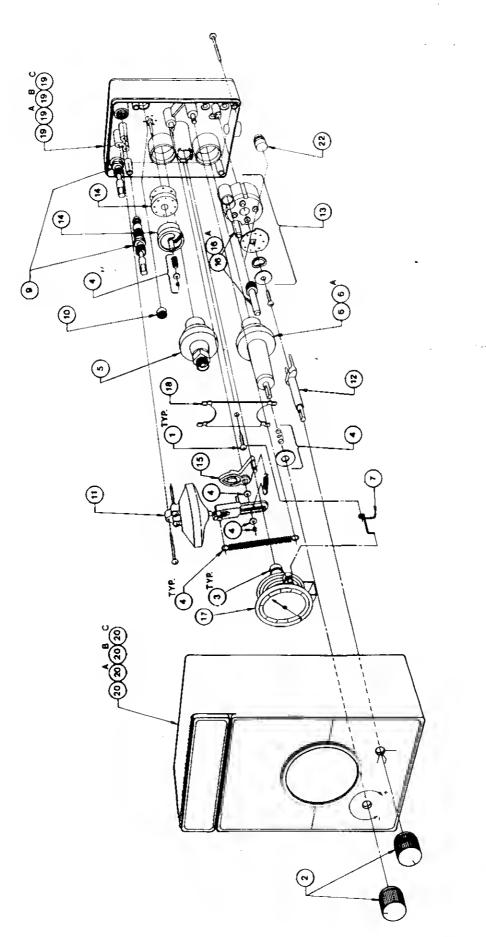
10.10 Flushing [All models]

- 10.10.1 Attach a length of vacuum hose from the inlet of the Vacutron to the patient port of a large collection bottle. Attach one end of a length of hose to the source vacuum and the other end to outlet port of the large collection bottle. The collection bottle will collect the cold liquid sterilant and keep it out of the hospital's vacuum system (Fig. 18).
- 10.10.2 Place the patient port of Vacutron into a shallow pan containing the Isopropyl Alcohol. Activate the source vacuum. Turn the unit on and turn the adjustable regulator (lower feft knob) clockwise as lar as it will go for maximum flow. Pull approximately 100 cc of the Isopropyl Alcohol through the unit. Do this for all modes available on your Vacutron. Be careful not to overflow the collection bottle.
- 10.10.3 Operate the unit at maximum vacuum (and llow) for about 30 minutes with the patient port open to the atmosphere to dry out the internal passageways. Do this for all modes available on your Vacutron.

10.11 Catibration tests [Alt models]

Whenever parts have been repaired or replaced the unit must be recalibrated so that it will perform according to section 3.0 before being used on a patient.

12.0 VACUTRON SUCTION REGULATOR



13.0 REPLACEMENT PARTS

| NOITOIGUS | PIECES | | CATALOG No. B | CATALOG No. BY VACUTRON MODE! | ODEL | |
|--|--|------------|---------------|--|--|--|
| DESCRIPTION OF THE PROPERTY OF | KIT | IN | IVR/Cont. | O.N.T. | Surgery | |
| pping screws | 6 | 22-95-0001 | 22-95-0001 | 22-95-0001 | 22-95-0001 | P# |
| | 2 | 22-95-0002 | 22-95-0002 | 22-95-0002 | 22-95-0002 | • |
| sbu | 16 | 22-95-0003 | 22-95-0003 | 22-95-0003 | 22-95-0003 | _ |
| , "E" rings and spring related washers | 9 | 22-95-0004 | 22-95-0004 | Ą/Z | ∢ Ž | _ |
| | - | 22-95-0005 | 22-95-0005 | Ą:Z | ∢ Z | |
| | +- | 22-95-0006 | 22-95-0006 | 22-95-0006 | 22-95-0023 | |
| | 2 | 22-95-0038 | 22-95-0038 | 22-95-0038 | 22-95-0038 | - |
| | 2 | 22.95-0009 | 22-95-0009 | Ϋ́Z | Α̈́N | |
| | 9 | 22-95-0010 | 22-95-0010 | A/Z | ∢ Ż | |
| Id link assembly | - | 22-95-0011 | 22.95-0011 | A/N | ∢ Ż | |
| node switch | - | 22-95-0012 | 22-95-0012 | 22-95-0012 | 22-95-0012 | |
| itent plate, flat spring and washer | 4 | 22-95-0013 | 22-95-0013 | 22-95-0013 | 22-95-0013 | |
| or vacuum switch & gauge "O" rings | - | 64-90-2111 | 64-90-2111 | 64-90-2111 | 64-90-2111 | |
| | ო | 22-95-0014 | 22-95-0014 | Ą,Ż | Ø/N | |
| sher | 2 | 22-95-0015 | 22-95-0015 | A/Z | Ϋ́Z | |
| d band) | · | A'N | 22-95-0016 | 22-95-0016 | ₹/Z | |
| ack band) | | 22-95-0021 | 22-95-0021 | Ø/Z | Ø/Z | |
| Нд | - | 22-95-0017 | 22-95-0017 | 22-95-0017 | 22-95-0017 | |
| ulator ctamp and wire hold down for gauge | 2 | 22-95-0018 | 22-95-0018 | 22-95-0018 | 22-95-0018 | |
| serts | - | 22-95-1005 | 22-95-1002 | 22-95-1004 | 22-95-1003 | |
| | - | 22-95-0026 | 22-95-0020 | 22-95-0028 | 22-95-0027 | |
| | ζV | ď Ž | Υ'Z | ∀ /Z | 22-95-0029 | |
| Contains (3) sizes of self ta Knurled aluminum knobs. Contains (5) sizes of "O" rir All extension, compression Fixed regulator assembly. Adjustable regulator assembly. Adjustable regulator assembly or a plastic operating stem for more plastic operating stem for melastic of the same of t | rpping screws ngs and sp nbly nd link assembly node switch stent plate, tlat sp or vacuum switch asher cd band) Hg ulator clamp and v nserts s | | | 9 22-95-0001 16 22-95-0003 16 22-95-0004 1 22-95-0004 1 22-95-0006 1 22-95-0006 2 22-95-0010 1 22-95-0011 1 22-95-0011 2 22-95-0014 2 22-95-0017 1 22-95-0017 2 22-95-0017 1 22-95-0018 1 22-95-0017 2 22-95-0018 1 22-95-0018 1 22-95-0018 1 22-95-0018 1 22-95-0018 1 22-95-0018 | 2 22-95-0001 22-95-0001 16 22-95-0001 22-95-0002 22-95-0003 16 22-95-0003 22-95-0003 17 22-95-0003 17 22-95-0004 17 22-95-0009 17 22-95-0010 17 22-95-0020 1 | 9 22-95-0001 22-95-0001 22-95-0001 22-95 16 22-95-0002 22-95-0003 22-95-0002 22-95 16 22-95-0004 22-95-0003 22-95-0003 22-95 1 1 22-95-0006 22-95-0006 22-95-0008 22-95-0006 22-95-0008 22-95-0009 22-95-0009 N/A 1 22-95-0010 22-95-0010 N/A 1 22-95-0011 22-95-0011 N/A 1 22-95-0011 22-95-0011 22-95-0012 22-95-0012 22-95-0012 22-95-0011 64-90-2111 64-90-2111 64-90-2111 64-90-2111 64-90-2111 64-90-2111 64-90-2111 22-95-0015 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0016 22-95-0018 22-95-0016 22-95-0018 22-95-0026 22-95-0028 22-95-0026 22-95-0028 22-95-0026 22-95-0028 22-95-0 |